
Y2K



***at the
Desktop***

Issues



- Can the system store a 4-digit year?
- Will the date roll over to the year 2000?
- Can the system retain a proper Y2K date?

CMOS/RTC



- Maintained by BIOS
- Century maintained as separate entry in CMOS
- Roll-over failures may result in 1900 date

Class 1



Fully compliant

- Test Results: Compliant
- Action: None

Class 2



Reboot compliant

- Test Results: Rollover failure
- Action: Repower or reset time

Class 3



Partially compliant

- Test Results: Rollover and reboot failure
- Action: Reset Time

Class 4



Non-compliant

- Test Results: Rollover and reboot failure
- Action: Manually verify;
Replace system
- Systems: Award BIOS 4.5G

Identification



Systems

- BIOS version only
- AwardChk

Time Set



- Manual
- Server Synchronization
- Corrective Software

Time synch



- Novell network
 - Win 3.x, Win95, and WinNT
 - Clients must use Intranetware Client 32, v4.15 for NT, v3.0 for Win95
 - Use *Set Station Time=On* (default client variable) to synchronize time with a Novell login server at login

Time synch



- NT network - *Win95 client*
 - Login script must run Microsoft's NET TIME command:
`NETTIME\\<computername> /SET /Y`
 - <computername> is time server
 - Use replication to ensure login script is identical on PDC and BDCs

Time synch



- NT network - *WinNT client*
 - TIMESERV function (TIMESERV.EXE, TIMESERV.INI, TIMESERV.DLL)
 - Install/configure as administrator
 - Runs in background
 - Service must be on server & desktop
 - Server needs reliable time source

Recommendation



Desktop Hardware

- Identify and replace Award BIOS 4.05G systems only
- Use time synchronization to reset times on all other systems
- Use corrective software for standalone systems

Desktop OSes



- DOS 6.22*
- Windows 3.1*
- Windows 95/98**
- Windows NT 4.0**
- Macintosh OS***

*Not fully-compliant, no update planned

**Requires update, service patch

***Y2K Compliant

Oper. Systems



- **Initialized from CMOS/RTC**
- **Maintains clock internally**
- **Hardware roll-over failures may result in 1980 date**

Recommendation



- **Minimize testing**
- **Do not have users test**
- **Ensure servers are correct**
- **Activate time synchronization**
- **Provide user education**

Points of Contact



- **Microtechnology Support**
 - 301-903-0654
 - 301-903-0655